

SEQUENCE LISTING

<110> Wilkinson, Jack
McBride, Kevin
Bertain, Sean

<120> GENETIC CONSTRUCTS HAVING HETEROLOGOUS
3' POLYADENYLATION SIGNAL SEQUENCE MOTIFS THAT FUNCTION IN
PLANTS

<130> 0325.210

<150> 60/390,529
<151> 2002-06-20

<160> 65

<170> FastSEQ for Windows Version 4.0

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tccaatttat attcccttat tgggtatttg atgtggccgt ttaaatagtc accgattgaa 360
tcttcacttg ttcgagttt gtctttgct tctctaaagg tcttcaattt atctaaagca 420
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attcagttcc tattaaattt gattattccg attagatcg tcggcgctac caaaaagagg 420
cgaagaaaag aggaaaacgc aagtggataa aggggtgggg ggcaaaagta tttaagaaaa 480
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 taaaataaat atcaaaaagt ttttagcgga aggcgttaag gcagcaagta cacattcatt 180
 tatcttatcta tacatctata aacacaacta caattttttt agaaatggaa ttttattat 240
 gaagggaga catatagagg caacagtaca taaaggttaag aataaaagcg attttagcta 300
 gtatatttct gggattttct tacatagtct ttgtaaagca accacaccgt ttaagcttaa 360
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 ggttggcgat tgtaaaatca actgagattc agtgggttgt gatttgattt ggcgttattat 600
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 <213> Artificial Sequence

<220>
 <223> PCR primer

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<211> 44
<212> DNA
<213> Artificial Sequence

<220>
<223> Mutagenic oligonucleotide

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<210> 15
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<212> DNA
<213> Artificial Sequence

<220>
<223> Mutagenic Oligonucleotide

<400> 15
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aaaaaaaaaa agatagaaaa gatcttagga acggatagag gtttggaaaaa ggaataacag 180
gtaatttttc attttcatat cggttgtaac attataaagc tcacaaaaattt aaaacaaaaaa 240
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ggatggcata acttttagtta atgatatcac gacggacgaa gtattgaaag acaacctaac 420
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gatatgaaca acctaactca caaaaatttac 510

<210> 17
<211> 877
<212> DNA
<213> Saccharomyces cerevisiae

<400> 17
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aattcaaaat ctgtctattt ataggccgtc gcgcctacg aaaacgcgaa attattcaaa 300
cgaaaaacgg aaaaaaaatct aaaaaaaagaa attaattgag agatctcagc gaaatgccgc 360
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gtacagtgga ccatttttt ctgattctc atatttccg ttataagtct tataaggaag 780
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<212> DNA
<213> *Saccharomyces cerevisiae*

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agaaaaaattt ggtacttcgt gtcataaaga attctatctg gatgagttt ctcatttgg 300
ttgacaattt ttgcattacc cgttagctct tgcataactt tccatagaaa acttgtcccg 360
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tcctcagagg ttttgtcaag tggttgttgt gtgcataatcg gaagagaata gttattttt 480
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gagtttcgat cttccattga taacttttgc atcgacgaat atgaatcggt aaaacgttcc 600
gtctttgtct gagaagattt ttggcctttg agagttctt tttccctggg ataatcaaaa 660
tcttcactt 669

<210> 19
<211> 443
<212> DNA
<213> *Saccharomyces cerevisiae*

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tgggaggaaa tcttaatatg gacctctctt cacaaattgt tctataatac aatatataatc 180
aagatataat aacaagtcat ttgagataat ggtatgcataa tacgcgaaat aagagtaaac 240
ggatacagtg agcctgaaga ggacaagctg cttccatgtt gtatgtttt gatatatgag 300
cttaaaaattt agatttactg aatattatac aatagtaatt atacataaag aaattccatt 360
ttatctgttc gatagcaatg gaagaggaga gagttctgtg aaacaaataa cagcagcaca 420
gaaaactccc gtcaacgtaa tat 443

<210> 20
<211> 427
<212> DNA
<213> *Saccharomyces cerevisiae*

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tttgataaaat actccataga acactaaata aattgttcaa ctgtgttatt gtctttattc 180

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<210> 21
<211> 810
<212> DNA
<213> Saccharomyces cerevisiae
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ttacaacaaa agaacaaatg aatacgataga cagtagagga atataaagtat tatgcagtc 180
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tctctgacat gactcatatt ggtccctcct agcatcatca tgatccattt gggAACACCT 720
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cttaaaaacgt ccactgcgt gacatgtgt 810
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<210> 22
<211> 763
<212> DNA
<213> *Saccharomyces cerevisiae*

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atttataccca cagccaaatgtc gcaaacaata tttattgtt atgaagtggg tattaaactaa 720
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<210> 23
<211> 498
<212> DNA
<213> *Saccharomyces cerevisiae*

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tattgttat tttggtaaaa tatagacgca acttccttat tataaagaaa ggcattattt 180  
aaaagaaaaaa qcgttccatt agtcaqacat cttttttttt catacattct taagctcagg 240
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attatattcc ttctagaaaa gataaaagag ccaagaccta aaatttttc atccctgttc 420
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atataaaagta actgccac 498

<210> 24
<211> 492
<212> DNA
<213> *Pichia pastoris*

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<212> DNA
<213> *Pichia pastoris*

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aagatacgca tgcatataca tatatacact agctaacatc cacccaatat atatatccct 720
ctccgttat ctatccaca cacataccaa aagctggtt tatccgtcag acctacaacg 780
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<212> DNA
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gatgcaataa tggacgggaa gtttagagtc cttgcattgg aggccggcat aggcagccct 360
ggaatacaga accctgtaga gttaaggagt gtaaacaccc gacacagtat ataccagggcc 420
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<210> 27
<211> 650
<212> DNA
<213> Pichia pastoris

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gaccaagttag tctaccaaaa taaatttttacatgttacatgtataca 650

<210> 28
<211> 412
<212> DNA
<213> Homo sapiens

<400> 28
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gttttctttt tttttccaa tgattttaa tatacattttt atgactggaa actttttgtt 180
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agctcgagcc gggcctctgc cctaataatgaa cggatgtcta agaaagatcc ctccaccccc 300
aaggaaaaaaag gtcactggct agttagtcta gtgtaaacag gaccaggcg atgcatggaa 360
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<210> 29
<211> 308
<212> DNA
<213> Homo sapiens

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cgagctggg ctgcagctgg ggctggcatg gactttcatt tcaagatggc ggtttttaag 180
aagatgcattt cctagcgtgt tttttttttt ttcataatgtt ttgtatata cattttatgt 240
ctggaaacctt ttttgcataaa cactccaata aacattttgtt ttttaggttc tgcctctgag 300
tttattcc 308

<210> 30
<211> 363
<212> DNA
<213> Homo sapiens

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gggctcttag gatgccagag gcagcgcaca caagctggga aatcctcagg gtccttacca 180
 gcaggactgc ctcgctccc cacctcccg tccttgcct gtccccagat tccttccctg 240
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<210> 31
 <211> 341
 <212> DNA
 <213> Homo sapiens

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 tcaaaatgtt aataaaagggtt tcgttgcattt gtagcataact tgggtttttt tcatgaaattt 180
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<210> 32
 <211> 29
 <212> DNA
 <213> Artificial Sequence

<220>
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<210> 35
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